February 2008

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## Executive summary

## Complex Derivatives Transaction Review Committee

This committee, consisting of Capital Market Finance, Accounting Policy and Model Validation personnel, was set up in April 2005 and meets to consider any significant derivative transactions undertaken. The committee considers whether the transactions are being booked, valued and modeled appropriately. Furthermore, the committee determines whether the proper accounting treatment is being applied. During the month, the following transactions were reviewed:
$\rightarrow$ Emerging Market Loan with FX Call Spread - Lehman loaned $¥ 6$ billion to Astana, a Kazakhstan quasi-sovereign entity. In addition, Lehman entered into a currency swap with Astana to convert the JPY loan into USD. Lehman also purchased a FX call spread from Astana. To compensate Lehman for not exercising its put option, Astana agreed to restructure the trade at favorable terms. The $¥ 6$ billion loan was converted into $€ 40$ million of Eurobonds. If converted at the prevailing FX rate, Lehman would have only received $€ 36.6$ million of Eurobonds. Furthermore, the currency swap was cancelled without any payments. Due to the appreciation of JPY vis-à-vis USD, Lehman had a negative MTM in the currency swap. The FX call spread remains after the restructuring and Lehman has taken a $\$ 1.5$ million valuation adjustment for counterparty exposure. The Eurobonds are restricted and a liquidity valuation adjustment of $\$ 4$ million was taken for this restriction. Lehman recognized $\mathrm{P} / \mathrm{L}$ of $\$ 4$ million due to the restructuring of the trade after taking into consideration the $\$ 5.5$ million of valuation adjustments as discussed. The trade is classified as level 2 under FAS157 since all input parameters are deemed observable.
$\rightarrow$ Equity Collar and Put Spread - Lehman entered into an equity collar on shares of Intesa Sanpaolo SpA, selling puts with strike of $90 \%$ of initial level and buying calls with strike of $120 \%$ of initial level. The options have notional of 38.7 million shares and expire on March 2013. In addition, Lehman entered into a put spread trade for another 19.3 million shares of Intesa Sanpaolo SpA, selling puts with strike of $90 \%$ of initial level and buying puts with strike of $80 \%$ of initial level. The put spread trade also expires on March 2013 and contains a knock-out / knock-in trigger that converts into a collar trade if the share price of Intesa Sanpaolo SpA touches specified trigger levels. The put spread is divided into 9 tranches. The trigger levels are $120 \%$ of the initial level for the first tranche and go up in increments of $7 \%$ for other tranches. If collars are knocked-in, Lehman will be short puts with strikes equaled to the trigger level and long calls with strikes equal to the trigger level plus $7 \%$. The trade will be classified as level 2 under FAS157 since implied volatilities are observable through combination of listed options, Totem and broker quotes. The trade has Day $1 \mathrm{P} / \mathrm{L}$ of $\$ 21.4$ million. Trader's marks include implicit volatility spread, liquidity and barrier shift adjustments totaling $\$ 5.1$ million which is equivalent to 2.5 volatility points.

## Executive summary

$$
\text { Valuation adjustments (increased by } \$ 326 \mathrm{~mm} \text { from } \$ 2,653 \mathrm{~mm} \text { to } \$ 2,979 \mathrm{~mm} \text {, as detailed in section } 2 \text { ) }
$$

Significant changes include:
$\rightarrow$ Increase of $\$ 152 \mathrm{~mm}$ of Counterparty adjustments from Securitized Products Americas is mainly due to increase in MTM of CDS protection purchased from ACA Capital.
$\rightarrow$ Increase of $\$ 63 \mathrm{~mm}$ of Counterparty adjustments from CDO Americas is attributable to: 1) increase in MTM of CDS protection purchased from ACA Capital and XL Capital, 2) increase in percentage of counterparty adjustment for trades with ACA Capital, and 3) new counterparty adjustments for trades with Ambac.
$\rightarrow$ Increase of $\$ 63 \mathrm{~mm}$ of Parameter Uncertainty adjustments from CDO Europe is due to: 1) new minibond and ABS correlation trades, and 2) widening credit spreads.

Price verification projects (further details in section 3)
In recent months, the Valuation and Control group:
$\rightarrow$ Initiated price testing of portfolio of Eagle Energy Partners
$\rightarrow$ Initiated price testing of heat rate options and distillates
$\rightarrow$ Increased FX skew testing coverage from $60 \%$ to $90 \%$, submitted a total of 63 currency pairs (as well as local pairs from Europe and Asia) to outside pricing service and standardized methodology amongst global centers
$\rightarrow$ Initiated price testing of CMS spread options and CMS caps / floors
$\rightarrow$ Initiated price testing of FX cross volatilities
$\rightarrow$ Initiated output price testing with Totem on: FX FVA, FX barrier options and digital CMS options
$\rightarrow$ Initiated futures, ishares and FX forward price testing for hedge fund replication business in IRP
$\rightarrow$ Initiated price testing of inflation swaps and inflation caps
The group is currently working on the following improvements:
$\rightarrow$ Increase brokerage coverage
$\rightarrow$ Enable full re-pricing of cap / floor skew positions with Totem results
$\rightarrow$ Expand Totem submission on FX exotics, such as baskets
$\rightarrow$ Establish price testing methodology for BMA swaptions
$\rightarrow$ Establish Totem submissions \& price testing for Bermudan options
$\rightarrow$ Establish deal review processes for exotic interest rate derivatives, fund derivatives and mortgage derivatives
$\rightarrow$ Continue to improve testing of mortgage derivatives as well as skew on mortgage options
$\rightarrow$ Transfer FX skew and energy price testing processes to India
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## Executive summary

Significant points on price verification (as detailed in section 3)
$\rightarrow$ Aggregate significant variance of $\$ 139$ million on the aggressive side, of which Americas is $\$ 125$ million on the aggressive side (re-marks of - $\$ 46$ million), Europe is $\$ 15$ million on the aggressive side (re-marks of - $\$ 4$ million) and Asia has no significant variances.
$\rightarrow$ There are $\$ 47$ million of aggressive significant variances attributable Securitized Products Americas. All significant variances attributable to rated bonds were re-marked. The remaining significant variances were attributable to NIM, reconstituted NIM and residual positions, and desk prices for these positions fell within PCG's stressed base case assumptions.
$\rightarrow$ There are $\$ 44$ million of aggressive significant variances attributable to High Yield Americas. These variances have been resolved through: 1) re-marking, 2) PCG substantiating desk mark through trading activities or broker quotes, 3) PCG performing post monthend testing and variance was within threshold, 4) PCG concluding that variance is due to size of position held or 5) PCG concluding that variance was due to lack of liquidity and/or volatile market conditions.
$\rightarrow$ There are $\$ 13$ million of aggressive significant variances attributable to Real Estate Americas. PCG concluded that these variances are reasonable considering that these positions are concentrated and/or illiquid.

|  | Significant Pricing Variance - Global FID <br> in $\mathbf{S}^{\prime} \mathbf{0 0 0}$ |  |  |
| :--- | :---: | :---: | :---: |
|  | $\underline{\text { Re-marked }}$ | $\underline{\text { Resolved }}$ | $\underline{\text { Total }}$ |
| Level 1 | 0 | 0 | 0 |
| Level 2 | $(49,656)$ | $(57,039)$ | $(106,694)$ |
| Level 3 | 0 | $(11,083)$ | $(11,083)$ |
| Consolidated Positions | 0 | $(21,432)$ | $(21,432)$ |
| Total | $(49,656)$ | $(89,554)$ | $(139,209)$ |

[^0]Valuation Adjustments
February 2008

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## VALUATION ADJUSTMENTS - significant changes

| Region | Product | Description | Type | Current <br> Month | Prior <br> Month | Change | Comment |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Americas | IRP | Deal Specfic | Model | 29.089 | 42,540 | $(13,45)$ | Decrease is mainly due to 1) curve contruction issue being resolved and 2) high strike eptions that had pricing issues were either unwound or hedged |
| Americas | CDO | Counterparty Credit Adjustments | Credit | 461,991 | 398,544 | 63,447 | Increase is mainly attributable to: 1) increase in MTM on CDS protection purchased from ACA Capital and XL Capital, 2) increase in percentage of counterparty credit adjustment for trades with ACA Capital and 3) new counterparty credit adjustment for trades with Ambac. |
| Americas | Mun | Counterparty Credit Acjustments | Credit | 59,259 | 71;602 | (12,343) | Decrease is mainly attributable to the reduction of MTM of SA VR swaps |
| Americas | Securitized Products | Counterparty Credit Adjustments | Credit | 712,487 | 560,915 | 151,572 | Increase is due to increase in MTM of CDS protection purchased from ACA Capital. |
| Americas | Securitized Products | ABS - Contingent Liablity | Contingent <br> Liabilities | 0 | 30,000 | (30,000) | Cairn deal has been marked down, mark incorporates this valuation adjustment: |
| Europe | CDO | Contingent Liabilities | Contingent Liabilities | 85,915 | 71,093 | 14,822 | Increase is mainly attributable to new minibond trades. |
| Europe | CDO | Funding Cost | Valuation | 726 | 12,712 | $(11,98)$ | Lability benefits resulting from issuance of structured notes were previously held back. This valuation adjusmtment has been released after it has been determined that valuation is consistent between Treasury and the desk. |
| Europe | CDO | Model Calibration | Model | 68,643 | 13,076 | 55,567 | Due to market volatility, model value from base correlation model is not reflective of market value. Valuation adjustment needed to properly reflect the implied correlation skews for $\mathrm{CDX9}$ and LCDX9 |
| Europe | CDO | Model Fit | Model | (15,348) | 50,303 | (65,651) | Release of valuation adjustments for tho at zero strike and rhe at zero maturity due to increase observability of 3 -year tener trades |
| Europe | CDO | Parameter Uncertainty | Liquidity | 158,163 | 95,548 | 62,615 | Increase is mainly attributable to: 1) new minibond and ABS correlation trades and 2) widening credit spreads. |
| Europe | IRP | Model Skew | Model | 47,192 | 26,553 | 20,639 | For CMS spread options, the estimation of correlation skew adjustment for interest rate pairs has been changed from linear interpolation to a quadratic function as discussed in CDTR. |
| Asia | FX | Model Skew | Model | 14,900 | 0 | 14,900 | Valuation adjustment mainly relates to USD/PY skew adjustment. |
|  |  | Subtotal |  | 1,623,017 | 1,372,886 | 250,131 |  |
|  |  | Remaining Valuation Adjustments |  | 1,355,780 | 1,280,048 | 75,731 |  |
|  |  | Total Valuation Adjustments |  | $\underline{\text { 2,978,797 }}$ | 2,652,934 | 325,862 |  |

## VALUATION ADJUSTMENTS - summary

| Business | $\begin{aligned} & \text { Total } \\ & \text { S000 } \end{aligned}$ | Contingent |  |  |  |  | Early |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Model | Bid/Offer | Liabilities | Liquidity | Credit | Expense | Termination | Valuation |
| Liquid Market Prop | 8,816 | 737 | 8,079 | - |  | - |  | - |  |
| Interest Rate Products | 464,881 | 207,316 | 72,890 | - | 32,406 | 16,530 |  | 108,091 | 27,648 |
| Foreign Exchange | 49,006 | 12,696 | 18,367 | - |  | - |  | 6,682 | 11,261 |
| High Grade Credit | 71,139 | 3,014 | 58,314 | 3,577 | 3,940 | 1,345 | 1,004 | (55) |  |
| CDO | 1,044,880 | 123,181 | 154,850 | 113,439 | 171,201 | 461,991 | 9,719 | 4,483 | 6,016 |
| High Yield | 61,894 | $(2,000)$ | 56,396 | 1,000 |  |  | 3,392 |  | 3,106 |
| Real Estate | 66 |  |  |  |  |  | 66 |  |  |
| Munis | 71,174 | 1,247 | 8,853 | - |  | 59,970 |  | - | 1,104 |
| Securitized Products | 1,086,615 |  | 38,592 | 301,593 |  | 721,105 | 25,325 |  |  |
| Commodities Trading | 94,100 | 14,344 | 44,948 | - | 8,308 | 9,100 |  |  | 17,400 |
| FID Corporate | 26,226 | 525 | 20,607 | - |  |  |  | 5,994 |  |
| Total FID Valuation Adjustments | 2,978,797 | 361,060 | 481,896 | 419,609 | 215,855 | 1,270,041 | 39,506 | 124,295 | 66,535 |

## VALUATION ADJUSTMENTS－Regional matrix

| America | Total | Model | Bid／Offer | Contingent Liabilities | Liquidity | Credit | Expense | Early <br> Termination | Valuation |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Liquid Markets Prop | 6，746 | － | 6，746 | － | － | － | － | － | － |
| Interest Rate Products | 94，065 | 59，814 | 14，410 | － | 8，811 | 11，030 | － | － | － |
| Foreign Exchange | 29，289 | 12，095 | 12，876 | － | － | － | － | 4，318 | － |
| High Grade Credit | 48，650 | 1，556 | 42，081 | － | 3，940 | 932 | 141 | － | － |
| CDO | 512，827 | 27，773 | 4，086 | 9，723 | － | 461，991 | 9，254 | － | － |
| High Yield | 49，992 | （2，000） | 50，992 | 1，000 | － | － | － | － | － |
| Munis | 71，174 | 1，247 | 8，853 | － | － | 59，970 | － | － | 1，104 |
| Securitized Products | 1，066，186 | － | 38，592 | 283，428 | － | 721，857 | 22，309 | － | － |
| Commodities Trading | 50，600 | － | 25，100 | － | － | 8，100 | － | － | 17，400 |
| FID Corporate | 6，205 | － | 6，205 | － | － | － | － | － | － |
| Total America | 1，935，734 | 100，485 | 209，941 | 294，151 | 12，751 | 1，263，880 | 31，704 | 4，318 | 18，504 |
| Europe |  |  |  |  |  |  |  |  |  |
| Capital Mkts Fund JV | 108，875 | 9，373 | 6，398 | － | － | － | － | 93，104 | － |
| Liquid Markets Prop | 2，070 | 737 | 1，333 | － | － | － | － | － | － |
| Interest Rate Products | 204，648 | 108，985 | 37，007 | － | 16，921 | 500 | － | 14，987 | 26，248 |
| Foreign Exchange | 2，293 | （14，299） | 2，967 | － | － | － | － | 2，364 | 11，261 |
| Commodities Trading | 41，839 | 13，944 | 18，587 | － | 8，308 | 1，000 | － | － | － |
| High Grade Credit | 13，271 | － | 9，694 | 3，577 | － | － | － | － | － |
| High Yield Credit | 5，716 | － | 4，132 | － | － | － | － | － | 1，584 |
| CDO | 531，392 | 95，408 | 150，694 | 103，716 | 171，201 | － | － | 4，483 | 5，890 |
| Securitized Products | 18，165 | － | － | 18，165 | － | － | － | － | － |
| FID Corporate | 16，644 | 525 | 11，025 | － | － | － | － | 5，094 | － |
| Total Europe | 944，913 | 214，673 | 241，837 | 125，458 | 196，430 | 1，500 | － | 120，032 | 44，983 |
| Asia |  |  |  |  |  |  |  |  |  |
| Interest Rate Products | 57，293 | 29，144 | 15，075 | － | 6，674 | 5，000 | － | － | 1，400 |
| High Grade Credit | 9，218 | 1，458 | 6，539 | － | － | 413 | 863 | （55） | － |
| CDO | 661 | － | 70 | － | － | － | 465 | － | 126 |
| Foreign Exchange | 17，424 | 14，900 | 2，524 | － | － | － | － | － | － |
| High Yield Credit | 6，186 | － | 1，272 | － | － | － | 3，392 | － | 1，522 |
| Real Estate | 66 | － | － | － | － | － | 66 | － | － |
| Securitized Products | 2，264 | － | － | － | － | （752） | 3，016 | － | － |
| Commodities Trading | 1，661 | 400 | 1，261 | － | － | － | － | － | － |
| FID Corporate | 3，377 | － | 3，377 | － | － | － | － | － | － |
| Total Asia | 98，150 | 45，902 | 30，118 | － | 6，674 | 4，661 | 7，802 | （55） | 3，048 |
| Global Total | 2，978，797 | 361，060 | 481，896 | 419，609 | 215，855 | 1，270，041 | 39，506 | 124，295 | 66，535 |

## VALUATION ADJUSTMENTS - Americas

| America - Valuation Adjs | Total | Model | Bid/Offer | Contingent Liabilities | Liquidity | Credit | Expense | Early Termination | Valuation |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| LIQUID MARKETS PROP | 6,746 | 0 | 6,746 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bid)Offer. Adjustment FX Prop Bid/Offer Adjustment | $\begin{array}{r} 5,931 \\ 815 \end{array}$ |  | $\begin{array}{r} 5,931 \\ 815 \end{array}$ |  |  |  |  |  |  |
| FID DERIVATIVES | 94,065 | 59,814 | 14,410 | 0 | 8,811 | 11,030 | 0 | 0 | 0 |
| Liquidity Adjustment <br> Option Model Adjustment <br> CVA <br> Spread Billofler <br> Volatility Bid/Offer <br> Deal Specific | $\begin{array}{r} 8,811 \\ 30,725 \\ 11,030 \\ 7,616 \\ 6,794 \\ 29,089 \end{array}$ | $\begin{aligned} & 30,725 \\ & 29,089 \end{aligned}$ | $\begin{aligned} & 7,616 \\ & 6,794 \end{aligned}$ |  | 8,811 | 11,030 |  |  |  |
| FOREIGN EXCHANGE | 29,289 | 12,095 | 12,876 | 0 | 0 | 0 | 0 | 4,318 | 0 |
| Bid/Offer <br> PXDeal Spectic Model <br> FX Deal Specific - Early Termination Adjustment <br> Skew L Local Marlets <br> Skew-FXOptions | $\begin{array}{r} 12,876 \\ 9,807 \\ 4,318 \\ 1,143 \\ 1,145 \end{array}$ | $\begin{aligned} & 9,807 \\ & 1,143 \\ & 1,145 \end{aligned}$ | 12,876 |  |  |  |  | 4,318 |  |
| HIGH GRADE CREDIT | 48,650 | 1,556 | 42,081 | 0 | 3,940 | 932 | 141 | 0 | 0 |
| Bid/Offer Credit US <br> Other Adjustment Model) <br> Bid Offer Latin <br> Oller Alliustment Lalin <br> Deal Specific Adjustment (Liquidity) - Latin <br> Credi Adustment-Lnon | $\begin{array}{r} \hline 28,636 \\ 1,009 \\ 2,769 \\ 11,230 \\ 4,074 \\ 932 \end{array}$ | $\begin{array}{r} 1,002 \\ 554 \end{array}$ | $\begin{array}{r} 28,636 \\ 2,769 \\ 10,676 \end{array}$ |  | 3,940 | 932 | $7$ $134$ |  |  |
| CDOs | 512,827 | 27,773 | 4,086 | 9,723 | 0 | 461,991 | 9,254 | 0 | 0 |
| F Mense A dyusment <br> Contingent Liability <br> Counterparty Adjustrient AC A. XV <br> Volatility Adjustment <br> Brl: Ofler <br> Model Adjustment | 9,254 9,723 461,991 721 3,365 27,773 | 27,773 | $\begin{array}{r} 721 \\ 3,365 \end{array}$ | 9,723 |  | 461,991 | 9,254 |  |  |

## VALUATION ADJUSTMENTS－Americas

| America－Valuation Adjs | Total | Model | Bid／Offer | Contingent Liabilities | Liquidity | Credit | Expense | $\begin{array}{\|c\|} \hline \text { Early } \\ \text { Termination } \\ \hline \end{array}$ | Valuat ${ }^{\text {ckik }}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| HIGH YIELD | 49，992 | （2，000） | 50，992 | 1，000 | 0 | 0 | 0 | 0 | 0 |
| Tax Inderminty Adjustment（ANC） COS BIC Ofer（FIT Cotplanis） Bid／Offer－SCT／Bonds／Distressed Model | $\begin{gathered} \hline 1,000 \\ 13,596 \\ 37,396 \\ (2,000) \end{gathered}$ | $(2,000)$ | $\begin{aligned} & 13,596 \\ & 37,396 \end{aligned}$ | 1，000 |  |  |  |  |  |
| MUNIS | 71，174 | 1，247 | 8，853 | 0 | 0 | 59，970 | 0 | 0 | 1，104 |
| CDS Model Adjustment <br> CounterpatI）Credil Adustment <br> New Business Tining Items for deals not closed <br> Derivatives Bra／offer <br> Libor Discounting／MMD Rate Lock valuation adj DSRE Pu Valuation Adjustiment <br> Cornell DSRF Credit Reserve | $\begin{array}{r} 696 \\ 59,259 \\ 0 \\ 8,853 \\ 551 \\ 1,104 \\ 711 \end{array}$ | 696 551 | 8，853 |  |  | 59，259 <br> 711 |  |  | 0 1,104 |
| SEURITIZED PRODUCTS | 1，066，186 | 0 | 38，592 | 283，428 | 0 | 721，857 | 22，309 | 0 | 0 |
| SCOR－Counterparty Credit Adjustment（trigger event） <br> CAT．Peazley Deal 4 djustinent（rigeer event） <br> PFG－Deal expenses Toue Diligence <br> PFG．Contingent Liabilites Refenal Fees <br> ABS－Bid／Offer Adjustment <br> ABS Commerpary Credit Ajusthent <br> ABS－Deal Expenses Tue Dilligence <br> Non Prime Home Express（MClC insurance） <br> Non Prime－Reps and Warranties <br> Non Prime ell A／V A recourserish． <br> Non Prime－Deal expenses／Due diligence <br> Prime．Deal expenses Mue diligence． <br> Other－Deal expenses／Due diligence <br> ABS：Contingent Lability <br> Loan loss adjustment <br> Agency Remics／Stups Non economic reshluals． <br> Non Prime－Bid／Offer Adiustment <br> Pume Bul／ofle Alustment <br> Prime－Reps and Warranties <br> Mandators Anction Adjusment <br> PFR Credit Adjustment <br> Non Prime Reps and warmanties on scratch anta dent secturitizations | 2,500 2,387 350 11,581 30,955 712,487 0 17,042 74,720 11,864 10,496 10,658 805 0 1,637 678 7,597 40 159,811 1,981 4,483 4,114 |  | $30,955$ $\begin{array}{r} 7,597 \\ 40 \end{array}$ | $\begin{array}{r} 11,581 \\ \\ 17,042 \\ 74,720 \\ 11,864 \\ \\ 0 \\ 1,637 \\ 678 \\ \\ 159,811 \\ 1,981 \\ 4,114 \end{array}$ |  | $\begin{array}{r} 2,500 \\ 2,387 \\ 712,487 \\ \\ 4,483 \end{array}$ | $\begin{array}{r} 350 \\ \\ 0 \\ \\ \\ \\ 10,496 \\ 10,658 \\ 805 \end{array}$ |  |  |
| COMMODITIES TRADING | 50，600 | 0 | 25，100 | 0 | 0 | 8，100 | 0 | 0 | 17，400 |
| Bid／Offer <br> Qeal spectic <br> Credit－Right Way Risk <br> CVA | $\begin{array}{r} \hline 25,100 \\ 17,400 \\ 2,900 \\ 5,200 \end{array}$ |  | 25，100 |  |  | $\begin{aligned} & 2,900 \\ & 5,200 \end{aligned}$ |  |  | 17，400 |
| FID CORPORATE | 6，205 | 0 | 6，205 | 0 | 0 | 0 | 0 | 0 | 0 |
| CDO／SCT－Bid／Offer（range bounding） | 6，205 |  | 6，205 |  |  |  |  |  |  |
| FID AMERICA TOTAL VALUATION ADJS | 1，935，734 | 100，485 | 209，941 | 294，151 | 12，751 | 1，263，880 | 31，704 | 4，318 | 18，504 |

## VALUATION ADJUSTMENTS - Europe

| Europe - Valuation Adjs | Total | Model | Bid/Offer | $\begin{aligned} & \text { Contingent } \\ & \text { Liabilities } \end{aligned}$ | Liquidity | Credit | Expense | $\begin{array}{\|c\|} \hline \text { Early } \\ \hline \text { Termination } \\ \hline \end{array}$ | Valuatixin |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| FID DERIVATIVES | 204,648 | 108,985 | 37,007 | 0 | 16,921 | 500 | 0 | 14,987 | 26,248 |
| Bid-offer Comrelation | 27,162 |  | 27,162 7,562 |  |  |  |  |  |  |
| Brd-otice Sbila | 7,562 |  | 7.562 |  |  |  |  |  |  |
| Bid-offer Yesa, | 1.865 |  | 1.865 |  |  |  |  |  |  |
|  | 14,987 |  |  |  |  |  |  | 14.987 |  |
| Counterparty Credit | 500 |  |  |  |  | soo |  |  |  |
| Funding cost, | 26,031 |  |  |  |  |  |  |  | 26,031 |
| Model Approximation | 2,424 | 2.424 |  |  |  |  |  |  |  |
| Model Baricer shifl | 13,290 | 13,290 |  |  |  |  |  |  |  |
| Model Calibration | 2,252 | 12,252 36,221 |  |  |  |  |  |  |  |
| Model Skew | 47,192 | 36.221 47.192 |  |  |  |  |  |  |  |
| Model Unapmoved model | 7.606 | 7.606 |  |  |  |  |  |  |  |
| Non Contractural Early Termination Valuation |  |  |  |  |  |  |  | - |  |
| Adjustment, |  |  |  |  |  |  |  |  |  |
| Parameter Unceitanty <br> Deal Specific - To be re-categorised (Gov't) | $\begin{array}{r} 16,921 \\ 217 \end{array}$ |  |  |  | 16,921 |  |  |  | 217 |
|  | 418 |  | 418 |  |  |  |  |  |  |
| COMMMODITIES TRADING | 41,839 | 13,944 | 18,587 | 0 | 8,308 | 1,000 | 0 | 0 | 0 |
| Parameter Uncertaminy | 8,308 |  |  |  | 8.308 |  |  |  |  |
| Brdohller, delat | 18,587 |  | 18.587 |  |  |  |  |  |  |
| Contingent Deal, |  |  |  | $\bigcirc$ |  |  |  |  |  |
| Comutempanty CEdIt <br> Model: Skew | $\begin{aligned} & 1,000 \\ & 3,725 \end{aligned}$ | 3,725 |  |  |  | 1,000 |  |  |  |
| Model It in proved model | 10,219 | 10,219 |  |  |  |  |  |  |  |
| CAPITAL MARKETS FUND DERIVATIVES TV | 108,875 | 9,373 | 6,398 | 0 | 0 | 0 | 0 | 93,104 | 0 |
| Bid-offer: Vega | 6,398 |  | 6,398 |  |  |  |  |  |  |
| Conmennde | 93,104 |  |  |  |  |  |  | 93.104 |  |
| Model Skew | 9,373 | 9,373 |  |  |  |  |  |  |  |
| Parameter Unoentanty . . . . |  |  |  |  | - |  |  |  |  |
| CDO | 531,392 | 95,408 | 150,694 | 103,716 | 171,201 | 0 | 0 | 4,483 | 5,890 |
| Bidaffer Delta | 150,589 |  | 150,589 |  |  |  |  |  |  |
| Bid-ofter: Vega | 105 |  | 105 |  |  |  |  |  |  |
| Contusent Deal | 17,801 |  |  | 17,801 |  |  |  |  |  |
| Contiogent Liability | 85.915 |  |  | 85.915 |  |  |  |  |  |
| Comulipume Gledit |  |  |  |  |  | o |  |  |  |
| Funding Cost | 726 |  |  |  |  |  |  |  | 726 |
| Model Approsmation | 34,293 | 34,293 |  |  |  |  |  |  |  |
| Contractural Farly Termination Valuation Adjustment | 417 |  |  |  |  |  |  | 417 |  |
| Modet callbration. | 68,643 | 68,643 |  |  |  |  |  |  |  |
| Mode1 Fit, | (15,348) | (15,348) |  |  |  |  |  |  |  |
| Model Numertical Approstmation. |  |  |  |  |  |  |  |  |  |
| Model Skew | 820 | 820 |  |  |  |  |  |  |  |
| Model Limpproved model | 7,000 | 7,000 |  |  |  |  |  |  |  |
| Non-Contractural Early Termination Valuation | 4,066 |  |  |  |  |  |  | 4,066 |  |
| Adiustment, |  |  |  |  |  |  |  |  |  |
| Paramerer Uncoutanty: | 158,163 |  |  |  | 158,163 |  |  |  |  |
| $P \& L$ pending deal revier | 5,164 |  |  |  |  |  |  |  | 5,164 |
| Deal spectic forbe c-cateoniscd | o |  |  |  |  |  |  |  | - |
| Liquidity Concentration | 13,038 |  |  |  | 13,038 |  |  |  |  |

## VALUATION ADJUSTMENTS - Europe

| Europe - Valuation Adjs | Total | Model | Bid/Offer | Contingent Liabilities | Liquidity | Credit | Expense | Early Termination | Valuation |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| HIGH GRADE CREDIT | 13,271 | 0 | 9,694 | 3,577 | 0 | 0 | 0 | 0 | 0 |
| Bid-offer Delta <br> Contingent Lability <br> Deal Specific -To be re-categorised | $\begin{array}{r} 9,694 \\ 3,577 \\ 0 \end{array}$ |  | 9,694 | 3,577 |  |  |  |  | 0 |
| HIGH YIELD CREDIT | 5,716 | 0 | 4,132 | 0 | 0 | 0 | 0 | 0 | 1,584 |
| Bid-offer Delta <br> Deal Specific. To be re-categonised <br> Bid-offer Delta (FID Corp Loans) <br> Bid-offer Della (High Yeld EEMEA) <br> Deal Specific - To be re-categorised (High Yield <br> EEMEA) | $\begin{array}{r} \hline 2,008 \\ 534 \\ 772 \\ 1,352 \\ 1,050 \end{array}$ |  | $\begin{array}{r} \hline 2,008 \\ 772 \\ 1,352 \end{array}$ |  |  |  |  |  | $\begin{array}{r} 534 \\ 1,050 \end{array}$ |
| LIQUID MARKETS PROP | 2,070 | 737 | 1,333 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bid-offer Delta <br> Model. Sken | $\begin{array}{r} 1,333 \\ 737 \end{array}$ | 737 | 1,333 |  |  |  |  |  |  |
| FX | 2,293 | $(14,299)$ | 2,967 | 0 | 0 | 0 | 0 | 2,364 | 11,261 |
| Bid-offer Della <br> Model. Skew <br> Non-Conlractural Early Temmation Valuation <br> Aduustment <br> Deal Specific - To be re-categorised <br> Deal Specific - Io be re-categonised ( X X UENLEA) | 2,967 $(14,299)$ 2,364 3,780 7,481 | $(14,299)$ | 2,967 |  |  |  |  | 2,364 | $\begin{aligned} & 3,780 \\ & 7,481 \end{aligned}$ |
| SEURITIZED PRODUCTS | 18,165 | 0 | 0 | 18,165 | 0 | 0 | 0 | 0 | 0 |
| Contingent Liability | 18,165 |  |  | 18,165 |  |  |  |  |  |
| FID Corporate | 16,644 | 525 | 11,025 | 0 | 0 | 0 | 0 | 5,094 | 0 |
| Bid-offer Vega Contrachmal Ealy Temmiation Valuation Adusment <br> Model : Skew | $\begin{array}{r} 11,025 \\ 5,094 \\ 525 \\ \hline \end{array}$ | 525 | 11,025 |  |  |  |  | 5,094 |  |
| FID EUROPE TOTAL VALUATION ADJs | 944,913 | 214,673 | 241,837 | 125,458 | 196,430 | 1,500 | 0 | 120,032 | 44,983 |

## VALUATION ADJUSTMENTS - Asia

\begin{tabular}{|c|c|c|c|c|c|c|c|c|c|}
\hline Asia - Valuation Adjs \& Total \& Model \& Bid/Offer \& \[
\begin{aligned}
\& \hline \text { Contingent } \\
\& \text { Liabilities }
\end{aligned}
\] \& Liquidity \& Credit \& Expense \& Early
Termination \& Valuation \\
\hline FID DERIVATIVES \& 57,293 \& 29,144 \& 15,075 \& 0 \& 6,674 \& 5,000 \& 0 \& 0 \& 1,400 \\
\hline \begin{tabular}{l}
Bid/Offer \\
Model Adiustiment \\
Liquidity Adjustment \\
Credit Adjustment \\
Exotics Price Testing Adjustment
\end{tabular} \& \[
\begin{array}{r}
15,075 \\
29,144 \\
6,674 \\
5,000 \\
1,400
\end{array}
\] \& 29,144 \& 15,075 \& \& 6,674 \& 5,000 \& \& \& 1,400 \\
\hline HIGH GRADE CREDIT \& 9,218 \& 1,458 \& 6,539 \& 0 \& 0 \& 413 \& 863 \& (55) \& 0 \\
\hline \begin{tabular}{l}
Documentation adjustments \\
Basket Correlation Adjustment \\
Bid/Offer \\
Con and Vol-CMDS \\
Early Termination Adjustment \\
Adjustment against claim for Enron \\
Deal Specific \\
CMCDS . Model \\
VideoCon
\end{tabular} \& 680
0
6,539
940
\((55)\)
413
183
518
0 \& 0
940
518 \& 6,539 \& \& 0 \& 413 \& 680

183 \& (55) \& <br>
\hline CDO \& 661 \& 0 \& 70 \& 0 \& 0 \& 0 \& 465 \& 0 \& 126 <br>

\hline | Belle Haven II PPN \$6 3 m equit tranche |
| :--- |
| Documentation and legal fee adjustments Bid/Offer Adjustments | \& \[

$$
\begin{array}{r}
126 \\
465 \\
70
\end{array}
$$
\] \& \& 70 \& \& \& \& 465 \& \& 126 <br>

\hline FX \& 17,424 \& 14,900 \& 2,524 \& 0 \& 0 \& 0 \& 0 \& 0 \& 0 <br>

\hline Bid / Offer Adjustment Model Adjustment \& $$
\begin{array}{r}
\hline 2,524 \\
14,900
\end{array}
$$ \& 14,900 \& 2,524 \& \& \& \& \& \& <br>

\hline HIGH YIELD \& 6,186 \& 0 \& 1,272 \& 0 \& 0 \& 0 \& 3,392 \& 0 \& 1,522 <br>

\hline Expense Adjustments Bid/Offer Adjustment Deal Specific Adjustment \& $$
\begin{aligned}
& 3,392 \\
& 1,272 \\
& 1,522 \\
& \hline
\end{aligned}
$$ \& \& 1,272 \& \& \& \& 3,392 \& \& 1,522 <br>

\hline
\end{tabular}

## VALUATION ADJUSTMENTS - Asia

| Asia - Valuation Adjs | Total | Model | Bid/Offer | Contingent Liabilities | Liquidity | Credit | Expense | $\begin{gathered} \text { Early } \\ \text { Termination } \end{gathered}$ | Valuation |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| REAL ESTATE | 66 | 0 | 0 | 0 | 0 | 0 | 66 | 0 | 0 |
| Deal Specific Adjustment Expense Adjustment | $\begin{gathered} \hline 0 \\ 66 \end{gathered}$ |  |  |  |  |  | ${ }_{6} 6$ |  |  |
| SECURITIZED PRODUCTS | 2,264 | 0 | 0 | 0 | 0 | (752) | 3,016 | 0 | 0 |
| Expense Adjustment Credit Adjustment Solid Loan Income Adjustment Adjustment for Recervable of GTFS's Buyer and Legal Expenses | $\begin{array}{r} 2,209 \\ (752) \\ 0 \\ 807 \end{array}$ |  |  |  |  | (752) | 2,209 807 |  | 0 |
| Commodities Trading | 1,661 | 400 | 1,261 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bid / Offer Adjustment Model Adjustment | $\begin{array}{r} 1,261 \\ 400 \end{array}$ | 400 | 1,261 |  |  |  |  |  |  |
| FID CORP | 3,377 | 0 | 3,377 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bid / Offer <br> PRDC - Model Adjustment <br> Range-bounding Adjustment | $\begin{array}{r} 41 \\ 0 \\ 3,336 \\ \hline \end{array}$ | 0 | $\begin{array}{r} 41 \\ 3,336 \\ \hline \end{array}$ |  |  |  |  |  |  |
| $\begin{aligned} & \hline \text { FID ASIA TOTAL VALUATION } \\ & \text { ADJs } \\ & \hline \end{aligned}$ | 98,150 | 45,902 | 30,118 | 0 | 6,674 | 4,661 | 7,802 | (55) | 3,048 |

## VALUATION ADJUSTMENTS－monthly changes



## VALUATION ADJUSTMENTS - monthly changes

| America | Total | Model | Bid/Offer | Contingent Liabilities | Liquidity | Credit | Expense | Early Termination | Valuation |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Liquid Markets Prop | (554) | - | (554) | - | - | - | - | - | - |
| Interest Rate Products | $(5,784)$ | $(8,419)$ | 2,710 | - | $(1,258)$ | 1,183 | - | - | - |
| Foreign Exchange | $(2,086)$ | (6,251) | 72 | - | - | - | - | 4,093 | - |
| High Grade Credit | (960) | 1,023 | $(1,996)$ | - | 130 | (111) | (6) | - | - |
| CDO | 70,533 | 8,422 | $(1,232)$ | (150) | - | 63,447 | 46 | - | - |
| High Yield Credit | 10,187 | - | 10,187 | - | - | - | - | - | - |
| Real Estate | - | - | - | - | - | - | - | - | - |
| Munis | $(12,689)$ | 98 | 2,264 | - | - | $(12,343)$ | - | - | (2,708) |
| Securitized Products | 115,637 | - | (7) | (34,541) | - | 152,033 | (1,848) | - | - |
| Commodities Trading | 5,300 | - | (700) | - | - | 2,100 | - | - | 3,900 |
| FID Corporate | - | - | - | - | - | - | - | - | - |
| Total America | 179,584 | $(5,127)$ | 10,744 | $(34,691)$ | (1,128) | 206,309 | (1,808) | 4,093 | 1,192 |
| Europe |  |  |  |  |  |  |  |  |  |
| Capital Mkts Fund JV | $(5,542)$ | $(5,173)$ | $(5,971)$ | - | - | - | - | 5,602 | - |
| Liquid Markets Prop | 737 | 737 | - | - | - | - | - | - | - |
| Interest Rate Products | 18,984 | 22,189 | (1,015) | - | (360) | 500 | - | (5,510) | 3,180 |
| Foreign Exchange | 14,140 | 8,401 | (796) | - | - | - | - | 2,255 | 4,280 |
| Commodities Trading | 7,899 | 1,576 | 2,821 | - | 2,502 | 1,000 | - | - | - |
| High Grade Credit | 1,349 | - | 1,652 | (303) | - | - | - | - | - |
| High Yield Credit | 696 | - | 680 | - | - | - | - | - | 16 |
| CDO | 88,851 | (10,162) | 32,436 | 15,545 | 64,084 | - | - | (66) | (12,986) |
| Securitized Products | 38 | - | - | 38 | - | - | - | - | - |
| FID Corporate | (52) | - | (1) | - | - | - | - | (51) | - |
| Total Europe | 127,100 | 17,568 | 29,806 | 15,280 | 66,226 | 1,500 | - | 2,230 | $(5,510)$ |
| Asia |  |  |  |  |  |  |  |  |  |
| Interest Rate Products | 685 | 1,257 | 521 | - | 230 | $(2,723)$ | - | - | 1,400 |
| High Grade Credit | 2,463 | 7 | 2,454 | - | - | - | 2 | - | - |
| CDO | 383 | - | 13 | - | - | - | 370 | - | - |
| Foreign Exchange | 17,405 | 14,900 | 2,505 | - | - | - | - | - | - |
| High Yield Credit | (1,890) | - | $(1,244)$ | - | - | - | $(2,168)$ | - | 1,522 |
| Real Estate | - | - | - | - | - | - | - | - | - |
| Securitized Products | (516) | - | - | - | - | 114 | (630) | - | - |
| Commodities Trading | 648 | 400 | 248 | - | - | - | - | - | - |
| FID Corporate | - | - | - | - | - | - | - | - | - |
| Total Asia | 19,178 | 16,564 | 4,497 | - | 230 | $(2,609)$ | (2,426) | - | 2,922 |
| Global Total | 325,862 | 29,005 | 45,047 | (19,411) | 65,328 | 205,200 | $(4,234)$ | 6,323 | (1,396) |

Pricing Report

LEHMAN BROTHERS
Where vision gets buil."

## PRICING REPORT - explanation of significant variances

| Buthes | स) | \$4. | बusi yersume | C+ \% \% \% sion |  | Reminterssoge | Restorat soom. | Remume |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Americas |  |  |  |  |  |  |  |  |
| Bank Leans | FORD MOTOR COMPANY (12/15/06) | 2 | MV | 665,000 | (4,429) |  | (4,429) | Variance is due to size of position held. Aotual varimee is $0.7 \%$. |
| Bank Loans | Cox cus | 2 | PV01 | 46 | $(1,338)$ |  | $(1,338)$ | Retested in March and variance was below threshold. |
| Cash CDO | CRONA 2007-1A AlA CORONA BOREA | 3 | MV | 410,000 | (5,069) |  | (5,069) | ABS CDO market has been exiremely illiquid and volatile. External mark is based on generic stiper serior mezzanine ABS CDO from UBS as of 12/31/07. An event of default was triggered in Feb and desk is marking to expected liquidation value. Actual variance is $1.2 \%$. PCG is monitoring the EOD situation. |
| Cash CDO | CEAGO 2007-1AAI CEAGO ABD CDO | 3 | MV | 538,118 | (4,878) |  | $(4,878)$ | ABS CDO market has been extremely illiquid and volatile. PCG benchmarked to $A B X$ market. Position was hedge by purchasing CDS protection from XL Capital. Positive variance from the CDS has been netted with negative variance from cash position to generate net negative variance balance. Furthermore, desk provided analysis to support mark as of $1 / 31$. The desk analysis has a one-month lag due to the remittance reports having a one-month lag. |
| Cash CDO | CEAGO 2007-1A A2 CEAGO ABD CDO | 3 | MV | 30,467 | 8.867 |  | 8,867 | ABS CDO market has been extremely illiquid and volatile. PCG price is based on IO value. Calculation is very sensitive to assumption on expected life remaining. Desk mark appears reasonable. |
| Cash CDO | Ceago 2007-1a B Ceaco abd cio | 3 | MV | 7,271 | 2,152 |  | 2,152 | ABS CDO market has been extremely illiquid and volatile. PCG price is based on TO value. Calculation is very sensitive to assumption on expected life remaining. Desk mark appears reasonable. |
| Cash CDO | CEAGO 2007-1A C CEAGO ABD CDO | 3 | MV | 3,413 | 2,037 |  | 2,037 | ABS CDO market has been extremely illiquid and volatile. PCG price is based on IO value. Calculation is very sensitive to assumption on expected life remaining. Desk mark appears reasonable. |
| Cash CDO | ABFC 2006-OPT3 M5 ASSET BACKED | 2 | MV | 2,300 | (1,255) |  | (1,255) | PCG is currently in discussion with the desk to resolve this variance. This is a distressed stbprime positien. |
| Cash CDO | MLMI 2006-FFl B3 MERRILL LYNCH | 2 | MV | 3,017 | (1,782) |  | (1,782) | PCG is currently in discussion with the desk to resolve this variance. This is a distressed subprime position |
| Cash CDO | RASC 2005-KS11 M3 RESIDENTIAL | 2 | MV | 5,319 | (1,530) |  | (1,530) | PCG is currently in discussion with the desk to resolve this variance. This is a distressed subprime position. |
| Cash CDO | SASC 2007-WFI MS STRUCTURED AS | 2 | MV | 3,088 | (1,499) |  | (1,499) | PCG is currently in disenssion with the desk to resolve this variance. This is a distressed subprime position. |
| Cash CDo | FMIC 2005-2 M9 FIELDSTONE MORT | 2 | MV | 2,167,620 | (1,403) |  | (1,403) | PCG is currently in discussion with the desk to resolve this variance. This is a distressed subprime position. |
| Cash CDO | CDX_IG_1212 | 2 | PV01 | 3,525 | (1,853) |  | (1,853) | Variance is due to size of position held. Actual variance is 0.5 bp . |
| Cash CDO | RDN | 2 | PV01 | 28 | 526 |  | 526 | PCG substantiated desk mark wilh tradiug activities. |
| FX | FX volatility | 2 | Vol + 1\% | (2,862) | (4,438) | (4,438) |  | Cirrent threshold for Global FX Options book is $\$ 750 \mathrm{~K}$. Initial variance of $\$ 4,438 \mathrm{~K}$ is above threshold. Therefore, a price testing adjustunent of $\$ 3,688 \mathrm{~K}$ was taken. |
| High Crade | ALTRIA GROUP 364-DAY ERIDGE | 2 | MV | 898,200 | (2,401) |  | (2,401) | Variance is due to size of position held. Actual variance is $0.3 \%$. |
| High Grade | CME GROUP INC./REVOLVER EURO | 2 | MV | 387,500 | (1,647) |  | (1,647) | Variance is due to size of pesition held. Actual variance is $0.4 \%$. |
| High Grade | FREDDIE MȦC 8.375\% NON-CUMULATIVE | 2 | MV | (556,662) | (1,083) |  | (1,083) | Variance is due to size of position held. Actual variance is $0.2 \%$. |
| High Grade | PRINCIPAL FINL GROUP INC 6.518 | 2 | MV | 41,025 | (1,040) | (1,040) |  | Remarked. |
| High Grade | RBS CAPITAL TRLST I | 2 | MV | 14,692 | (966) | (966) |  | Remarked. |

## PRICING REPORT - explanation of significant variances

| Bisime. |  | 13\% | $\begin{gathered} \text { rine } \\ \text { resine } \end{gathered}$ | P\% | Thisal \%aticessom | Remilielspoge | Restielstom | Relumom |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| High Grade | WHITE MOUNTAINS ( $6 / 19 / 077 /$ S-YR | 2 | MV | 56,494 | 775 |  | 775 | Variance is due to size of position held. Actual variance is 1.4\%. |
| Figh Grade | ***ROYAL CARIBBEAN CRUISES LTD | 2 | MV | 11,107 | (678) | (678) |  | Remarked. |
| High Grade | BANK AMERICA CORP SUB NOTE R/M | 2 | MV | 110,227 | 569 |  | 569 | Variance is due to size of position held. Actual variance is 0.5\%. |
| High Grade | HSBC BANK PLC FRN PERP | 2 | MV | 42,895 | 527 |  | 527 | Variance is due to size of position held. Actual variance is $1.2 \%$. |
| High Grade | CDX_IG_0612 | 2 | PV01 | 7,579 | 3,308 |  | 3,308 | Variance is due to size of position held. Actual variance is 0.4 bp . |
| High Grade | BLC | 2 | PV01 | 697 | (2,851) |  | (2,851) | PCG substantiated desk mark with broker quote. |
| Figh Grade | CDX IG 1210 | 2 | PV01 | 892 | 2,720 |  | 2,720 | Variance is due to size of position held. Actual variance is 3.0 bp . |
| High Grade | GM | 2 | PV01 | 190 | $(2,336)$ | (2,336) |  | Remarked. |
| High Grade | CCR | 2 | FV01 | 127 | (2,110) |  | (2,110) | PCG substantiated desk mark with trading activities. |
| Figh Grade | RRD | 2 | PV01 | 50 | (1,354) |  | (1,354) | Retested post monthend and variance was within threshold. |
| Fiigh Grade | CTL | 2 | PV01 | 414 | (1,249) |  | (1,249) | Retested post monthend and variance was within threshold. |
| High Grade | CTX | 2 | PV01 | 372 | (1,206) | (1,200) |  | Remarked. |
| Figh Grade | F | 2 | PV01 | 867 | (1,105) | (1,105) |  | Remarked. |
| High Grade | SFI | 2 | pV01 | 320 | (1,074) |  | (1,074) | PCG substantiated desk mark with trading activitios. |
| High Yield | HD SUPPLY INC | 2 | MV | 737, 500 | (6,333) |  | (6,333) | Independent spread (above 3-month LIBOR) is benchmarked from 02/29/08 B/CCC+ Consumer- cyclical USD average $3-5$ yr index. Highly distressed name in a distressed sector. Actual variance is $0.9 \%$. |
| High Yield | HD SUPPLY INC | 2 | MV | 328,250 | 5,113 |  | 5,113 | Independent spread (above 3 -month LIBOR) is benchmarked from $02 / 29 / 08 \mathrm{~B} / \mathrm{CCC}+$ Consumer- cyclical UISD average $3-5$ yr index. Highly distressed name in a distressed sector. Actual variance is $1.6 \%$ |
| High Yield | HD SUPPLY (83007) USD REVOLV | 2 | MV | 146,250 | (2,250) |  | (2,250) | Variance is due to size of position held. Actual variance is $1.5 \%$. |
| Figh Yield | TXU ENERGY (10/10/07) CTTIREV | 2 | MV | 360,311 | (3,134) |  | (3,134) | Variance is due to size of position held. Actual variance is 0.9\%. |
| High Yield | TXU ENERGY (10/10/07) CTTIDEP | 2 | MV | 140,625 | 3,125 |  | 3,125 | Variance is due to size of position held. Actual variance is $2.2 \%$. |
| High Yield | TXU ENERGY (10/10/07) CTTIDEL | 2 | MV | 466,375 | 2,998 |  | 2,998 | Variance is due to size of position held. Actual variance is $0.6 \%$. |
| Figh Yield | CDW CORPORATION/TERM LOAN LİBO | 2 | MV | 249,317 | (2,817) |  | (2,817) | Variance is due to size of position held. Actual varimme is $1.1 \%$. |
| High Yield | CDW Corporation/term Loan libo | 2 | MV | 221,250 | (2,500) |  | (2,500) | Variance is due to size of position held. Actual variance is $1.1 \%$. |
| High Yield | CDW \$1.040BN SR.BRIDGE 10-12-0 | 2 | MV | 135,525 | (2,145) |  | (2,145) | Variance is due to size of position held. Actual variance is $1.6 \%$. |
| High Yield | DANA HOLDING TL $(1 / 31 / 88)$ TERM | 2 | MV | 101,200 | (2,200) | (2,200) |  | Remarked. |

## PRICING REPORT - explanation of significant variances

| Busmen. | Whunty | \$42 | , Wess | Peusw-swis | Whital antanespoog | Reminiter \$heor | remitionsoon | Resplutiol |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| High Yield | CDX_HY_100_S8_0614_XI | 2 | PV01 | 719 | (6,399) | $(6,399)$ |  | Remarked. |
| High Yield | CDX_HY_100_S8_0610_X1 | 2 | PV01 | 591 | (5,817) |  | (5,817) | PCG substantiated desk mark with trading activities. |
| High Yield | CDX_HY_100 So_ 1212_X1 | 2 | PV01 | 2,790 | (2,527) |  | (2,527) | Variance is due to size of position held. Actual variance is 0.9 tp. |
| High Yield | LVLT | 2 | PV01 | 72 | (4,527) |  | (4,527) | Actual variance is 63 bps . Level 3 Communications is trading at very wide bid/ offer spread. For example, on $3 / 215$-yr bid/offer spread was 317 bps (bid of 1457 bps and offer of 1774 bps ). |
| High Yield | SIX | 2 | PV01 | 54 | (4,521) |  | (4,521) | Actual variance is 84 bps . Six Flags is trading at very wide bid/offer spread. For example, on $3 / 205$-yr bid/ffer spread was 1189 bps (bid of 3087 bps and offer of 4276 bps ). |
| High Yield | TOY | 2 | PV01 | 192 | (2,322) |  | (2,322) | Retested post minomithend and variance was williu lumeshold. |
| High Yield | MCCC | 2 | PV01 | 113 | (2,226) |  | (2,220) | Retested post monthend and variance was within threshold. |
| High Yield | THC | 2 | PV01 | 203 | (2,169) | (2,169) |  | Remarked. |
| High Yield | TSG | 2 | PV01 | 268 | (1,930) | (1,930) |  | Remarked. |
| High Yield | PKD | 2 | PV01 | 67 | (1,887) | (1,887) |  | Remarked. |
| Emerging Market | PDVSA CDS | 2 | FV01 | 172 | (572) | (572) |  | Remarked. |
| Securitized Products | SASC 2006-S2 M2 | 2 | MV | 34,779 | (3,071) | (3,071) |  | Remarked. |
| Securitized Products | LSSCO 2007-1 M9 | 2 | MV | 4,346 | (2,801) | (2,801) |  | Remarked. |
| Securitized Products | LSSCO 2007.1 M8 | 2 | MV | 3,615 | (2,062) | (2,062) |  | Remarked. |
| Securitized Products | LSSCO 2007-1 M 7 | 2 | MV | 3,681 | (1,987) | (1,987) |  | Remarked. |
| Securitized Products | LSSCO 2007-1 M6 | 2 | MV | 6,336 | (1,071) | (1,071) |  | Remarked. |
| Securitized Products | LXS 2007-16N M5-II | 2 | MV | 12,732 | (1,937) | (1,937) |  | Remarked. |
| Securitized Products | LXS 2007-10N M6-II | 2 | MV | 9,548 | (1,074) | (1,074) |  | Remarked. |
| Securitized Products | L.XS 07-15N M4-I | 2 | MV | 8,600 | (861) | (861) |  | Remarked. |
| Securitized Products | LXS 2007-14H M5 | 2 | MV | 8,590 | (593) | (593) |  | Remarked. |
| Securitized Products | LXS 2007-10H I-M5 | 2 | MV | 7,670 | (848) | (848) |  | Remarked. |
| Securitized Products | LXS 2007-17H M 7 | 2 | MV | 5,631 | (563) | (563) |  | Remarked. |
| Securitized Products | LXS 2007-18N M7 | 2 | MV | 3,269 | (644) | (644) |  | Remarked. |
| Securitized Products | SARM07-6 M6 | 2 | MV | 3,457 | (1,430) | (1,430) |  | Remarked. |

## PRICING REPORT - explanation of significant variances

| Bames | Fopsury | $10 \%$ |  |  |  | Alanarlictspage | Aestiss smm | Resoltion |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Securitized Products | Reconstitited NIMs | 3 | MV | 96,942 | $(3,390)$ |  | $(3,390)$ | Desk prices fall within PCO's stressed base case assumptions. |
| Securitized Products | Residuals | 3 | MV | 1,106,318 | $(16,602)$ |  | $(16,602)$ | Desk prices fall within PCG's stressed base case assumptions. |
| Securitized Products | NIMs | 3 | MV | 111,810 | (7,778) |  | (7,778) | Desk prices fall within PCG̛'s stressed base case assumptions. |
| Muni - Cash | City of Becker, Minnesota | 2 | MV | 58,635 | (1,979) |  | (1,979) | There are 3 positions with notional of $\$ 50 \mathrm{~mm}$ for each. The desk marked all 3 positions at similar prices. IDC has two positions priced the same and one different due to maturity difference. These bonds ustially trade at similiar levels, and thus, the market does not factor the maturity difference. As such. PCG agrees with the desk price. Actual variance is $3.4 \%$. |
| Muni - Cash | City of Becker, Minnesota | 2 | MV | 58,745 | (793) |  | (793) | There are 3 positions with notional of $\$ 50 \mathrm{~mm}$ for each. The desk marked all 3 positions at similar prices. IDC has two positions priced the same and one different due to maturity difference. These bonds usually trade at similiar levels, and thus, the market does not factor the maturity difference. As such, PCG agrees with the desk price. Actual variance is $1.3 \%$ |
| Mini - Cash | City of Becker, Minnessta | 2 | MV | 58,746 | (793) |  | (793) | There are 3 positions with notional of $\$ 50 \mathrm{~mm}$ for each. The desk marked all 3 positions at similar prices. IDC las two positions priced the same and one different due to maturity difference. These bonds usually trade at similiar levels, and thus, the market does not factor the maturity difference. As such, PCG agrees with the desk price. Actual variance is $1.3 \%$. |
| Murii - Cash | Comeetieut Single Family Housing (AMT) | 2 | MV | 33,960 | (1,438) |  | (1,438) | Bonds are priced to average life and IDC is pricing to maturity, thus ignoring the quicker prepayment of this stucture. |
| Muni - Cash | Connoctiout Housing (AMT) | 2 | MV | 17,930 | 1,209 |  | 1,209 | Bonds marked to a spread consistent with similar discount housing trades. No prior trades in Feb/Jan. |
| Muni - Cash | ATLANTA GA ARPT REV (AMT) | 2 | MV | 31,621 | (1,036) |  | (1,036) | PCG substantiated desk mark with trading activitios. |
| Muni - Cash | ILLINOIS ST TOLL HWY AuTH TOLL | 2 | MV | 63,811 | (1,022) |  | (1,022) | PCG substantiated desk mark with trading activities. |
| Muri - Cash | COLO HSG FIN AUTH SINGLE (AMT) | 2 | MV | 11,555 | (966) |  | (966) | Bonds are priced to average life and IDC is pricing to maturity, thus ignoring the quicker prepayment of this stucture |
| Muni - Cash | COLO HSG FIN AUTH SINGLE (AMT) | 2 | MV | 11,555 | (966) |  | (966) | Bonds are priced to average life and IDC is pricing to maturity, thus ignoing the quicker prepayment of this stucture. |
| Muni - Cash | OAKLAND CNTY MICH CTFS PARTN M | 2 | MV | 42,825 | (760) |  | (760) | These AAA rated G/O bonds are marked by the desk to the call date. Variance is due to the size of position held. Actual variance is $1.8 \%$. |
| Muni - Cash | CALIFORNIA HSG FIN AGY REV (AMT) | 2 | MV | 13,854 | (759) |  | (759) | Bonds are priced to average life and IDC is pricing to maturity, thns ignoring the quicker prepayment of this structure |
| Muri - Cash | CALIFORNIA ST VETERANS Go bds | 2 | MV | 20,263 | 708 |  | 708 | There is a lack of liquidity for high Yield housing bonds. Actual variance is $3.5 \%$. |
| Muni - Cash | SAN FRANCISCO CALIF CITY \& CNT | 2 | MV | 63,158 | 1,526 |  | 1,526 | MBIA insured bond - IDC not considering state of insurers. No prior trades in Feb. Actual variance is $2.4 \%$. Spreads alse widened in Feb and therefore PC is comfortable with the desk's conservaitive mark. |
| Muri - Cash | City of Arlington, Texas | 2 | MV | 26,341 | (660) |  | (666) | Marked to average life ( $11 / 28 / 11$ ) and IDC prices to $29-\mathrm{ys}$ maturity. Desk owns majority of bonds and are also subject to special mandatory redemption from funds deposited in the "Surplus Debt Redemption Account" beginning 2/15/11. Funds for this redemption will come from sales tax, hotel taxes and other various taxes and fees from the City of Arlington TX Cowboys Complex. Average life calc is based on growth scenario that is evaluated periodically by desk. |
| Muri - Cash | GEORGIA POWER | 2 | MV | 38,004 | ${ }_{7} 18$ |  | 718 | Variance is due to size of position held. Actual variance is $1.9 \%$. |
| Muni - Cash | Harris County Health Facilities Der. Corp. St Lukes | 2 | MV | 12,475 | 1,021 |  | 1,021 | External pricing service prices these bonds to maturity. Front office marks to the par call date. Front office pricing methodology is consistent with "price-to-worst" convention practiced in the market. |
| Muni - Cash | PUERTO RICO COMWLTH INFRASTRUC | 2 | MV | 24,600 | 1,295 |  | 1,295 | There was no prior trade activity in Feb/Jan. Traders mark is conservative relative to IDC. Actual variance is $5.3 \%$. PC is comfortable with desk valuation due to current market conditions. |

## PRICING REPORT - explanation of significant variances

| Bishes | Mabir | $1 \%$ | Wigis Menave |  |  |  | Nown | Real ficy |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Muni - Cash | NEW YORK CITY N Y INDL DEV AGY | 2 | MV | 36,095 | 1,652 |  | 1,652 | Actual variance is $4.6^{\circ} \%$. Desk mark is conservative relative to IDC . PC is comfortable with desk valuation due to current market conditions. |
| Muri - Cash | NEW YORK CITY N Y INDL DEV AGY | 2 | MV | 92,993 | 1,818 |  | 1,818 | Variance is due to size of position held. Actual variance is $2.0 \%$. |
| Muni - Cash | NEW YORK CITY N Y I INDL DEV AGY | 2 | MV | 58,566 | 2,198 |  | 2,198 | Actual variance is $3.8 \%$. Desk mark is conservative relative to IDC. PC is comfortable with desk valuation due to current market conditions. |
| Muri - Cash | MASSACHUSETTS ST | 2 | MV | 23,100 | 2.477 |  | 2,477 | Actual variance is $10.7 \%$. Desk marked conservalively due to current market conditions. PCG will discuss with desk if variance persists. |
| Muni - Cash | NEW J ERSEY ST TRANSN TR FD AUT | 2 | MV | 41,391 | 5,015 |  | 5,015 | Prier trades in Feb ranged from 25.90 te 34.24 . The trader's mark of 26.17 is within this range. |
| Muri- Derivatives | PERALTACALIF CMNTY COLLEGE | 2 | MV | 8,880 | 660 |  | 660 | Peralta private placement and re-structuring bonds are not rated and not quoted by a broker. PC performs alternative valuation procedures by marking it to the level where taxable securities of similar credit are traded (libor +100 kps ). PC discussed the variance with the desk and will conifine to moritor this security going forward. |
| Real Estate | Large Loan(floditing rate) Securitizable | 2 | MV | 1,963,048 | (2,442) |  | (2,542) | Variance is due to size of portfolio. Actual vainance is $0.1 \%$. |
| Real Estale | LB Sping Creek Investors LLC | 3 | MV | 8,117 | (8,117) |  | (8,117) | Spring Creek is a 1,180 -muil garden-style apartment community in Sandy Spings, GA. Currently undergoing renovations and leasing. Contimue to menitor. |
| Real Estate | LB Lecraw Porttolio LLC | 3 | MV | 14,780 | (5,938) |  | (5,938) | Portfolie acquired for repositioning. Stronger tenant requirements are being put into place at the properties Currently $81 \%$ occupied. Contimue to monitor occupancy levels. |
| Real Estate | LB NC Portfolio Holding LLC | 3 | MV | 1.281 | 8,392 |  | 8,392 | The portfolio consists of six Class B, garden style apartment properties located in the Silic on Valley in Notthern California. As part of the sale and payoff of a different venture with the same sponsor our equity was paid down with the excess proceeds. All properties will continue forward as operating multi-family properties with the intent of improving occupancy and increasing rents. Continuc to monitor. |
| Real Estate | Miscellanecus | 2 | N/A | N/A | (2,556) |  | (2,556) | Other significant itens. |
| Real Estate | Miscellanecus | 3 | N/A | N/A | 19,242 |  | 19,242 | Other significant items. |
| Real Estate | Miscellariecous (Conisolidated Positions) | N/A | N/A | N/A | (21,432) |  | (21,432) | Other sigurificantit ieriss. |



## PRICING REPORT - coverage

| Stinio | Riskmamurs. | Revoly |  |  |  | Evel |  |  |  | Ners. |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Exposures: |  | MV | Coverage | Risk Based | Coverage | MV | Coverage | Risk Based | Coverage | MV | Coverage | Risk Based | Covecke |
| Oimeresume |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Government Bonds \& Bond Indexed Cash Products | MV | $(30,197,505)$ | 1.00\% |  |  | 840,522 | 8.9\% |  |  |  |  |  |  |
| Listed Government Bond Options | MV | (213,868) | 100\% |  |  |  |  |  |  |  |  |  |  |
| Money market \& MM index cash products | MV | 32.746 | 100\% |  |  | 2,906,397 | 100\% |  |  |  |  |  |  |
| Listed Interest Rate Futures | MV | 37,897,863 | 100\% |  |  |  |  |  |  |  |  |  |  |
| Listed Interest Rate Options | MV | (107,074) | 100\% |  |  |  |  |  |  |  |  |  |  |
| Interest rates | PVO1 |  |  |  |  |  |  | 3,441 | 100\% |  |  | (2,552) | 100\% |
| Assel Swaps | PV01 |  |  |  |  |  |  |  |  |  |  |  |  |
| IR ATM volatility | Vol + 1\% |  |  |  |  |  |  | 16,043 | 106\% |  |  | (942) | 100\% |
| IR volatility skew: IR vol correlation | Vol $+1 \%$ |  |  |  |  |  |  | $(1,392)$ | 91\% |  |  |  |  |
| IR volatility skew: vol of vol | $\mathrm{Vol}+1 \%$ |  |  |  |  |  |  | (2,382) | 75\% |  |  |  |  |
| IR FX correlation | Correl $+1 \%$ |  |  |  |  |  |  |  |  |  |  | 101 | 73\% |
| IR IR correlation | Correl $+1 \%$ |  |  |  |  |  |  |  |  |  |  |  |  |
| OTC Bond Option Price | MV |  |  |  |  | 14,098 | 100\% |  |  |  |  |  |  |
| OTC Bond Option Volatility | Vol + 1\% |  |  |  |  |  |  | 83,541 |  |  |  |  |  |
| Inflation Bonds | MV |  |  |  |  |  |  |  |  |  |  |  |  |
| Inflation Swaps \& Options Delta | PV01 |  |  |  |  |  |  | 1,381 | 98\% |  |  |  |  |
| Inflation Option Volatility | Vol + 1\% |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | 7,412.162 |  |  |  | 3,761,018 |  |  |  |  |  |  |  |
| (10) Mraie |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Corporate Bonds | MV |  |  |  |  | 9,794,014 | 86\% |  |  | 573,900 | 29\% |  |  |
| Corporate Bond Options : Price | MV |  |  |  |  |  |  |  |  |  |  |  |  |
| Corporate Bond Options : Volatility | Vol+1\% |  |  |  |  |  |  | (9,249) | 95\% |  |  |  |  |
| Warrants | MV |  |  |  |  | 1,851 |  |  |  |  |  |  |  |
| Credit Spreads : Single Name | CSOI |  |  |  |  |  |  | (7,325) | 82\% |  |  | (862) | 100\% |
| Credit Spreads : Bespoke | CSO1 |  |  |  |  |  |  |  |  |  |  |  |  |
| Index Spreads : Indices | IND01 |  |  |  |  |  |  | (1,171) | 98\% |  |  |  |  |
| Index Spreads : Index Tranches | IND01 |  |  |  |  |  |  | 6 | 99\% |  |  |  |  |
| Index Spreads : Bespoke | IND01 |  |  |  |  |  |  |  | 99\% |  |  |  |  |
| Index Spreads Index Tranches | REF01 |  |  |  |  |  |  | 1,723 | 98\% |  |  |  |  |
| Index Spreads Bespoke | REF01 |  |  |  |  |  |  | 252 | 99\% |  |  |  |  |
| Tranche Spreads : Index Tranches | TR01 |  |  |  |  |  |  | (581) | 98\% |  |  |  |  |
| Tranche Spreads : Bespoke | TR01 |  |  |  |  |  |  | 169 | 98\% |  |  |  |  |
| Bond collateral : CDO SPE transactions | MV |  |  |  |  |  |  |  |  |  |  |  |  |
| State Guaranteed Corporate Bonds | MV |  |  |  |  |  |  |  |  |  |  |  |  |
| Recovery rates | Recovery $+1 \%$ |  |  |  |  |  |  | 1,761 | 93\% |  |  | 128 | 92\% |
| Credit volatility | Vol+ 1 \% |  |  |  |  |  |  | 176 | 100\% |  |  |  |  |
| Third party CDOs | MV |  |  |  |  | 860,356 | 74\% |  |  | 1,239,320 | 81\% |  |  |
| Bespoke Correlation | Correl + $10 \%$ |  |  |  |  |  |  | 897 | 74\% |  |  |  |  |
| ABCDS | MV |  |  |  |  | (3,705,611) | 99\% |  |  |  |  |  |  |
|  |  |  |  |  |  | 6,950,610 |  |  |  | 1,813,220 |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Stook \& Stook Indox Cash Products | MV | (139,227) | 95\% |  |  | 186,210 | 85\% |  |  | 1,707,495 | 70\% |  |  |
| Stock \& Stock Index Listed Futures | MV | (167,706) | 100\% |  |  |  |  |  |  |  |  |  |  |
| Stock \& Stock Index Listed Options | MV | 54,026 | 99\% |  |  |  |  |  |  |  |  |  |  |
| Stock \& Stock Index Volatility | Vol + $1 \%$ |  |  |  |  |  |  | 134 | 100\% |  |  |  |  |
| Equity correlation | Correl $+10 \%$ |  |  |  |  |  |  |  |  |  |  |  |  |
| Dividend rates | D Rho |  |  |  |  |  |  |  |  |  |  |  |  |
| Convertible Bonds | MV |  |  |  |  | 657,945 | 99\% |  |  |  |  |  |  |
| Ascots | MV |  |  |  |  |  |  |  |  |  |  |  |  |
| Equity swaps | Pos Delta |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | (252,900) |  |  |  | 844,155 |  |  |  | 1,707,495 |  |  |  |
| (a) Eunil |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Fund units | MV |  |  |  |  | 962.383 | 100\% |  |  |  |  |  |  |
| Fund volatility | $\mathrm{Vol}+1 \%$ |  |  |  |  |  |  |  |  |  |  | (4,875) | 100\% |
| Fund vol of vol | $\mathrm{Vol}+1 \%$ |  |  |  |  |  |  |  |  |  |  | (199) | 100\% |
| IR Fund NAV correlation | Correl $+20 \%$ |  |  |  |  |  |  |  |  |  |  | $(4,332)$ | 100\% |
| Fund vol INAV correlation | Correl $+20 \%$ |  |  |  |  |  |  |  |  |  |  | 773 | 100\% |
|  |  |  |  |  |  | 962,383 |  |  |  |  |  |  |  |

LEHMAN BROTHERS

## PRICING REPORT - coverage

| S6003 | Rickioumers | 10x\% |  |  |  |  | 1001\% |  |  |  | 1.0143 |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Exposures: |  | MV | Coverage | Risk Based | Coverage | MV | Coverage | Risk Based | Coverage | MV | Coverage | Risk Based | Cove ${ }^{\text {cke }}$ e |
| (0)MWeste |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Agercy CMO /bond | MV |  |  |  |  | 13,320.517 | 100\% |  |  |  |  |  |  |
| MBS bonds | MV |  |  |  |  | 7,403,167 | 100\% |  |  | 1,445,274 | 100\% |  |  |
| Pass-throughs | MV |  |  |  |  | 996,798 | 100\% |  |  |  |  |  |  |
| Residuals | MV |  |  |  |  |  |  |  |  | 1,301,849 | $76 \%$ |  |  |
| Servicing rights | MV |  |  |  |  | 1,681,733 | 100\% |  |  |  |  |  |  |
| Whole loans residential | MV |  |  |  |  | 9,454,045 | 94\% |  |  | 4,045,364 | 100\% |  |  |
| Mortzage volatility | MV |  |  |  |  | 661,152 | 64\% |  |  |  |  |  |  |
|  |  |  |  |  |  | 33,520,412 |  |  |  | 6,792,487 |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Whole loans commercial | MV |  |  |  |  | 20,928,211 | 100\% |  |  | 2,698,861 | 100\% |  |  |
| CMES | MV |  |  |  |  | 9,967,084 | 99\% |  |  | 250,495 | 100\% |  |  |
| Property Derivatives | MV |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  | 30,895,296 |  |  |  | 2,949,356 |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| FX Delta | MV | (3,864,240) | 100\% |  |  | $(807,669)$ | 100\% |  |  |  |  |  |  |
| FX volatility | Vol + 1\% |  |  |  |  |  |  | 998 | 95\% |  |  |  |  |
| FX Vol skew | Vol + $1 \%$ |  |  |  |  |  |  | 5.754 | 97\% |  |  |  |  |
| FX/FX correlation | Corr $+10 \%$ |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | (3,864,240) |  |  |  | (807,669) |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ABS bonds | MV |  |  |  |  | 14,151,735 | 67\% |  |  | 1,524,588 | 100\% |  |  |
| Loans | MV |  |  |  |  | 55,350,550 | 92\% |  |  | 3,553,552 | 87\% |  |  |
| Principal transactions* ${ }^{\text {a }}$ | MV |  |  |  |  |  |  |  |  | 10,416,134 | 95\% |  |  |
| Preferreds | MV |  |  |  |  | 566,650 | 52\% |  |  |  |  |  |  |
| Alltax swaps | PV01 |  |  |  |  |  |  |  |  |  |  | (2,309) | 100\% |
| Murri bonds | MV |  |  |  |  | 12,946,352 | 91\% |  |  |  |  |  |  |
|  |  |  |  |  |  | 83,015,287 |  |  |  | 15,494,274 |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Base Metals - Listed Futures \& Options | MV |  |  |  |  |  |  |  |  |  |  |  |  |
| Base Metals - OTC Delta | PV01 |  |  | (78) | 100\% |  |  | 319 | 92\% |  |  | (18) |  |
| Base Metals -OTC Volatility | Vol $+1 \%$ |  |  |  |  |  |  | 280 | 98\% |  |  | (289) | 98\% |
| Coal-OTC Delta | PV01 |  |  |  |  |  |  | 54 | 100\% |  |  |  |  |
| Crude Oil -OTC Delta | PV01 |  |  | (2,297) | 100\% |  |  | 12,448 | 99\% |  |  |  |  |
| Crude Oil-OTC Volatility | $\mathrm{Vol}+1 \%$ |  |  |  |  |  |  | (479) | 100\% |  |  |  |  |
| Emissions - Listed Futures \& Options | MV |  |  |  |  |  |  |  |  |  |  |  |  |
| Emissions - OTC Delta | PV01 |  |  | 198 | 100\% |  |  | (268) | 106\% |  |  |  |  |
| Emissions - OTC Volatility | Vol+1\% |  |  |  |  |  |  | 187 | 93\% |  |  |  |  |
| Natural Gas -Listed Futures \& Options | MV |  |  |  |  |  |  |  |  |  |  |  |  |
| Natural Gas - OTC Delta | PV01 |  |  | 18,125 | 100\% |  |  | (52,547) | 100\% |  |  | (1,423) | 100\% |
| Natural Gas -OTC Volatility | Vol + 1\% |  |  |  |  |  |  | (449) | 99\% |  |  |  |  |
| Power - Listed Futures \& Options | MV |  |  |  |  |  |  |  |  |  |  |  |  |
| Power - OTC Delta | PV01 |  |  | 281 | 99\% |  |  | 13,430 | 98\% |  |  |  |  |
| Power-OTC Volatility | Vol + 1\% |  |  |  |  |  |  | 573 | 63\% |  |  |  |  |
| Precious Metals - Listed Futures \& Oplions | MV |  |  |  |  |  |  |  |  |  |  |  |  |
| Precious Metals -OTC Delta | PV01 |  |  | 183 | 91\% |  |  | 138 | 75\% |  |  | (144) | 50\% |
| Precious Metals - OTC Volatility | Vol + 1\% |  |  |  |  |  |  |  |  |  |  |  |  |
| Refined Products - Listed Futures \& Options | MV |  |  |  |  |  |  |  |  |  |  |  |  |
| Refined Products - OTC Delta | PV01 |  |  |  |  |  |  |  |  |  |  |  |  |
| Refined Products - OTC Volatility | $\mathrm{Vol}+1 \%$ |  |  |  |  |  |  |  |  |  |  |  |  |
| Softs - Listed Futures \& Options | MV |  |  |  |  |  |  |  |  |  |  |  |  |
| Softs-OTC Delta | PV01 |  |  | 44,066 | 96\% |  |  | 24,790 | 85\% |  |  | (39,407) | 71\% |
| Softs - OTC Volatility | Vol $+1 \%$ |  |  |  |  |  |  | (243) | $81 \%$ |  |  | 98 | 79\% |
| Commodity Indices - Delta | PV01 |  |  |  |  |  |  | 1.387 | 84\% |  |  | (1.490) | 100\% |
| Commodity Indices - Volatility | Vol + 1 \% |  |  |  |  |  |  | (737) | 76\% |  |  | (150) | 65\% |
| Commodity Correlation | MV |  |  |  |  |  |  |  |  | (61,567) | 30\% |  |  |
|  |  |  |  |  |  |  |  |  |  | (61,567) |  |  |  |
| Overall Totals |  | 3,295,016 |  |  |  | 159,141,490 |  |  |  | 28,695,266 |  |  |  |

* Principal Transactions exposure excludes $\$ 4.7$ billion of consolidated PTG postions from Real Estate Americas that are subject to Lower of Cost or Market.


## PRICING REPORT - projects

| Bushass | Prodicts | monhexactson | Wo | Issido |  | thape chidion: | Skivek |  | Comish |  CISM |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| IRP | ${ }^{\text {caps }}$ | Alice Zlang | NY |  | ${ }_{H}$ |  | $\mathrm{Y}^{\text {Y }}$ | ${ }^{2} Q^{08}$ | W orking with IT to perform fill te-pricing of the entire portfolio |  |
| IRP | Caps and Swaptions | Alice Zlang | NY | For cap and swaption volatility skew testing, need to switch to new mede1 that the desk recently implemented. | ${ }^{\text {H }}$ | Working with Quant Research and <br> desk to revise calibration for new <br> model. | N | ${ }^{2 Q 0}$ | Able to tesi Europe an swaption with new model. Working on threshold. |  |
| $\stackrel{\text { IRP }}{ }$ | Esoticz | Alice Zhang | NY | Deal revicw processes are not in place for exvics | M | Etatabish deal review proceozases for exotics | N | $22^{203}$ |  |  |
| IRP | Exotics | Alice Zhang | NY | Need to expand both IRF and FX exotics submission and price testing | M | Expand Totem uage. | ${ }^{\text {N}}$ | $2 \mathrm{LO}{ }^{2}$ |  |  |
| IRP | Options | Alice Zhang | NY | Need to develop hetter methodology <br> for the price te ting of Bermudan and <br> American options | M | $\begin{aligned} & \text { Needto utilize Totem to test } \\ & \text { Bermudan options } \end{aligned}$ | Y | $2 \mathrm{C08}$ | Submitted to Totem the pricing of Bermudan options. Working on price testing methodelogy. Need to clarify model iesues. |  |
| IRP | General | Alice Zhang | NY | ${ }^{\text {Ne ed to expand overall price testing }}$ | M | Expand broker coverage | N | $2 \mathrm{C}{ }^{\text {a }}$ | Expanding broker coverage will be a contimual process |  |
| IRP | General | Alice Zhang | ${ }^{\text {NY }}$ | Need to improve the monitoring of variances | M | $\begin{array}{\|l} \hline \text { Implement variance time series } \\ \text { trackins } \end{array}$ | N | ${ }^{2 Q}{ }^{2} 8$ |  |  |
| FX | Crtions | Alice Zhang | NY | Skew test fing for FX trades that are greater than 2 years - testing 63 pairs right now | M | Need automation on mannal testing. | Y | ${ }^{2} \mathrm{Q} 08$ | Need IT improveme ens $\mathbb{\&}$ increase mumber of currency pairs tested. |  |
| FX | Baskels | Alice Zhang | NY |  | M | $\begin{aligned} & \text { Need to utilize Totem to test } \\ & \text { correlation inputs } \end{aligned}$ | N | $22^{28}$ | Already established price esesing on $50 \%$ of currency pairs, contiunue to expand coverage. |  |
| Energy | Easle | Y ong Huang | NY |  | M |  | Y |  | Currently price and position are sent by Eayle via email spreadshe et, tard to interpert. Once PC complete the position integration into Kinetix, will include Eagle in the normal process. In the interim, will wodk to get better position infermation out of Eagle's portfolio. |  |
| Energy | Exotics | Yong Huang | NY |  | M |  | N |  |  |  |
| Energy | Easket | Yong Huang | Lenden |  | M |  | N |  |  |  |
| Energy | General | Yong Huang | NY | Asia price testing is currently handled byp product control in inina apore. no dedicated local resource responsible | M | NY valuation control will take over <br> entire Asio price tesing trom product <br> control in in Singapore | N |  |  |  |
| Encrgy | Cencral | Yong Huang | NY | Price shape tracling: Pricc ahape needs to be menitored | M |  | N |  |  |  |
| Energy | General | Yong Huang | NY | Skew surface tracking: Skew surface needs to be monitored | M | Develop and maintain tracking mechanism | N |  |  |  |
| Energy | General | Yong Huang | NY |  | M | $\begin{aligned} & \text { Devevop and inplement methodelogy } \\ & \text { in NY conce more routine price testing } \\ & \text { gets trans ferred to India } \end{aligned}$ | N |  |  |  |
| Energy | General | Yong Huang | NY | $\begin{aligned} & \text { Kep risk 10caxions are not tested wiht } \\ & \begin{array}{l} \text { ideal frequency due to esesource } \\ \text { contraint } \end{array} \end{aligned}$ | M | Educate india team to carty out ad hoc price verification on key risk locations | N |  |  |  |
| Energy | General | Yong Huang | NY |  | M |  | N |  |  |  |
| Energy | General | Yong Huang | NY | $\begin{aligned} & \begin{array}{l} \text { Currently not involved in NPC items } \\ \text { CinUK } \end{array} \\ & \hline \text { in } \end{aligned}$ | M | Coordinate with UK to get on Europaan NPC asendz | N |  |  |  |
| Morteages | Non-Economic Residuals | .1oc Sapia | NY | Not price tested. | L | Develop methodology | N | TBD | Exposirc is immateral with reserves being held out in Prime desk. |  |
| Strnctured Finance | PFG Comduris | Joe Sapia | NY | Not price tested | H | Develop methodology | N | TBD | Off-balance sheet positions |  |

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## PRICING REPORT－projects

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| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Credit | CDO | ${ }^{\text {Scott Goswami }}$ | Giobal | $\left.\right\|_{\text {trades }} ^{\text {Heal Deal Review backloz is 250 }}$ | H | 4 out of 5 staff hired its India． Training is ongoing． 2008 headcount <br> onder discussion | N | ${ }^{1903}$ |  |  |
| Credit | CDS | Scoll Goswani | NY | CDS price testing doase creates artificial variances and is extremely inefficient to use | H | IT headcouni approved and in place． Project plan yet to be completed and approved | Y | TBD |  |  |
| Credit | $\overline{\text { DS }}$ on ABS | Scott Goswami | NY | CDS on $A B S$ is not price tested | H | Should be tested by ABS Vall team as they have a better knowledge base abnd expertise | N | TBD |  |  |
| Credit | Equities and $A B S$ | Scott Goswami | NY | Products such as equities and ABS are tested ty GCP Val teant． | ${ }^{\text {L }}$ | Identify products and discuss outsourcing with other teams | N | $2 \mathrm{CO8}$ |  |  |
| Credit | General | Scott Goswani | NY | Clobal Valuation reporing $\begin{aligned} & \text { Co be } \\ & \text { created for Mangement review }\end{aligned}$ | M |  | N | 2 O 08 |  |  |
| Credit | General | Scott Goswani | NY | Price testing policy documente need to be unified across products and regions | I |  | N | ${ }_{2008}$ |  |  |
| Credit | General | thoswami | NY | Control to be put in place to monitor stale marks | ${ }^{\text {L }}$ | Begin monitoring the CDS tool．Look <br> into creating a bond tool which <br> monitors spreads | ${ }^{\text {Y }}$ | TBD | CDS Resolved．Reports sent out monihly．Bonds yet to be addressed |  |
| Credit | General | jcott Goswami | NY | Inadequate control in place to enforce ＂one firm one matk＂policy | ${ }^{\text {L }}$ |  | Y | TBD |  |  |
| Credit | General | Scott Goswami | NY |  | H |  | Y | TBD |  |  |
| Credit | General | Scott Gosmami | NY | $\begin{aligned} & \text { Ensure all valid and reliable pricing } \\ & \text { sources are utilized. } \end{aligned}$ | M |  | Y | 2003 |  |  |
| Credit | General | Scott Goswarti | NY |  | M | Antonated source to capture and incorpocate into the price picking methodology | Y | TBD |  |  |
| Credit | General | Scott Goswami | NY |  | M | New staff to be hired and trained | N | TBD |  |  |
| Real Estate | $\begin{array}{\|l\|} \hline \text { Derivatives (Diration } \\ \text { Neutral Swaps) } \end{array}$ | ${ }^{\text {Abe Kebede }}$ | NY | Not price tested | ${ }^{\text {L }}$ | $\begin{aligned} & \text { Obtain Population and develop pricing } \\ & \text { methodology } \end{aligned}$ | ${ }^{\text {Y }}$ | 2 Q 08 | Froduct control working with front office，middle oftice and tecchology teams on developing a model | Middle office currentlys <br> maintaining <br> mpreadsentsto <br> calcullate mmts |
| Real Estate | Derivatives（Duration <br> Ncutral Swapss $/$ TRS） | Abe Kebede | NY | $\begin{aligned} & \text { Cleaning up unexplained reserves from } \\ & \text { year-cud } \end{aligned}$ | M |  | Y | 2Q／3Q08 | Product control working with front office，middle office and technology teams；Using Ramp as a calcualtion cngine for daily MTM and $P$ 哌L calculations |  |
| Real Estate | Floating Rate Large Loans \＆Junior Notes | Abe Kebede | NY |  | M | Working with Front Office to ottain market oloro on deas stana are curnenty in sale． | N | Ongoing | Product control is having contimuous discussions with Front Office <br> 2oing through deals in more detail and trying to obtain market color by using recent sydications，bids，offers and any other mazket in <br> using recent sydications，bids，offers and any other maxket infommation |  |
| Real Estata | PTG | Abc Kebede | NY | $\begin{aligned} & \text { Valuaticn methodology with Servicer } \\ & \text { for development-type assets out dated. } \end{aligned}$ | M |  | ${ }^{\text {N }}$ | 2Q／3Q08 | Cument valuation methodology for land and development projects is based on cap $105 \%$ ，whech was a conservative or pfudent approach an up－market．Given current market conditions，this approach may not be appropriate |  |
| Commodites | $\begin{aligned} & \text { Exotic Commedity } \\ & \text { Trades } \end{aligned}$ | Rob Honeyball | Lendon | $\begin{aligned} & \text { Exotics our side of Kinetics are not } \\ & \text { price eested } \end{aligned}$ | M | Integration of models into Kinetics via <br> Flexdeal and model approval process | Y | $22^{208}$ |  |  |
| Commodities | $\begin{aligned} & \text { Commodity Options and } \\ & \text { Baskets } \end{aligned}$ | Rob Honeyball | Lemidon | Do not have the ability to effectively pince test correlations and volatilily surfaces due to the number of curves． | M |  | Y | ${ }^{2 Q} 0^{3}$ |  |  |
| $\overline{\text { Commodities }}$ | $\begin{array}{\|l\|} \begin{array}{l} \text { Conmodity Options and } \\ \text { Baskets } \end{array} \\ \hline \end{array}$ | Rob Honeyball | Lenion | Uniested inventories on：1）illiquid or <br> 1ong－－dated positions，，）index atm <br> volatilities and 3） <br> volatilitiesviscicultural．atm | L |  | N | ${ }^{2 Q} 0^{8}$ |  |  |

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## PRICING REPORT - projects

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| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Credit | NTD Baskels | Tony Eliis | Lendon | NTD Correlation risk untested | M | ${ }^{\text {Benchmarking to Totem consensus }}$ data | Y | 2003 | Totem Consensus data received but not used in price testing | $\begin{aligned} & \text { Hold an uncentainty } \\ & \text { freserve against this } \\ & \text { tist } \end{aligned}$ |
| Crodit | CDO Tranchelcta | Tony Ellia | Lendon | Tranchalct triok not filly teated | L | Anlysia vo Totem conmensur dasa | N | 2003 | Totem Connensuw datar received but not uecd in price tosting |  |
| Credit | POL Liquid Tranches | Tony Ellis | Leridon | Polevels nof fully tested | M | Patticipate in Proposed Totern service | N | ${ }^{2} \mathrm{Q}^{08}$ | Current price cesting done on a risk basis. Good as proxy but price basis preferable | Cumently tesied on tisk basis |
| Credit | Credit Swaptions | Tony Ellis | Lendon | Only make a basic submission to Totem / limited results | L | Staff Triaining and metings with Totem to process | N | ${ }^{2008}$ |  | $\begin{aligned} & \text { Basic price testing } \\ & \text { shows conservative } \\ & \text { variance, good } \end{aligned}$ |
| Credit | Derivatives on | Tony Ellis | London | Coverage/Methodology to be | M |  | N | 2 Q 08 |  |  |
| Credit |  | Tony Ellis | Lendon | Super serior levels not fully tested | M |  |  | TBD |  |  |
| Credit | CLOCDO Residuals | Tony Ellis | London | Coverage/Methodology to be improved | M |  |  | TBD |  |  |
| Credit | High Yield | Richard Holmes | London | Loan CDS not price tested | L | Needto follow up. | N | TBD |  |  |
|  | Ressiduals | $\frac{\text { Richard Holmes }}{}$ | $\frac{\text { London }}{\text { London }}$ | Residuals policy to be develored Income recognition policy to be | L | To development | N | ${ }_{\text {TBD }}^{\text {TBD }}$ | This is witten - can send for revicw |  |
| Securitized Products | Structured Finance | Richard Holmes | Lendon | Some structured trades booked at transaction price and cash accounted. |  | Sprean lock rades do not have available curves. Need to follow up. |  | TRD |  |  |
| ${ }^{\text {all }}$ | All | All | Lenidon | Proof of price testing population completeness and integrity needed in many arcas | M | Developed standardized template which has now been put into proctuction | N | ${ }^{2 Q^{08}}$ | Completed for CTE, Vanilla Rates completed but not yet rolled out due to resource limitations in the line, other products TBD |  |
| ${ }^{\text {All }}$ | All | ${ }^{\text {All }}$ | London | Ongoing (i.e. post model review) (global project) | M | Develop methodology | Y | TBD |  |  |
| All | All | All | London | Need to assess sismificance of exxiosure viere Markit offer service but we don't subscribe -eg. CMA, inflation exposures | I |  | N | TBD |  |  |
| All | All | All | London | Need to ensure that all signiticant factors relevant to valuation are entified and covered | M | Credit perceives noi issues | N | N/A |  |  |
| ${ }^{\text {all }}$ | All | ${ }^{111}$ | London |  | M | Cre dit : Develcp methodology <br> IRP: Rates repricing being built in <br> OPtmodel | Y | TBD | Credit: Not yet key priority in credit Commodities To be included in the revamp of the policies generally by end of 1 Q 08 |  |
| Al1 | All | ${ }^{111}$ | London | $\begin{aligned} & \text { Alternative procedures to justify } \\ & \text { accectincc of marks on untested } \end{aligned}$ |  |  |  | TBD | Being assessed dirough VCO review of PT templates |  |
| A11 | All | All | Londor | Model reserve assessmetit to be completed in manv areas | M | Work in Progress | Y | TBD |  |  |
| All | All | All | London | FAS157 level 1, 2 and 3 classification of asse types to be concluded and embedded in price testing templates (global project) |  | Tazging process ongoing, correct assignment of exposures to levels in PT templates needs proper line nanager review |  | TBD |  |  |
| Credit | High Yield (CBS B Bonds,Private Equity, Warrants, <br> Loans) | $\begin{aligned} & \text { Sharad Kochar } \\ & \text { Jose Galvan } \end{aligned}$ | Tokyo | mproved. Most of the positions are in emerging market and privately placed with no publicly available market information. It is difficult to find comparable benchmarks. | H |  | N | TBD |  |  |
| Credit | High Yiold (CBEs, Bonds,Private Equity, warauts, <br> Loans $)$ | Shared Kochar/ Jose Gavar | Tokyo |  | H |  |  | TBD |  |  |
| Credit | Distressed Assets/ NPLs | $\begin{aligned} & \text { Sharad Kochari } \\ & \text { Jose Galvan } \end{aligned}$ | Tokyo | $\begin{aligned} & \text { Coverage/Methodology to be } \\ & \text { improved. } \end{aligned}$ | H |  |  | TBD |  |  |


[^0]:    *Definition of pricing levels:
    Level 1 : Quoted prices (unadjusted) in active markets for identical assets or liabilities that the reporting entity has the ability to access at measurement date

    Level 2 : Inputs other than quoted prices included in Level 1 that are observable for the asset or liability either directly or indirectly. This includes quoted prices for similar assets or liabilities in active markets, quoted prices for identical or similar assets or liabilities in markets that are not active. Additionally inputs other than quoted prices that are observable for the asset or liability (eg interest rate and yield curves, observable at commonly quoted intervals, volatilities, prepayment speeds, loss severities, credit risks and default rates). Inputs that are derived principally from or corroborated by other means
    Level 3 : Unobservable inputs for the asset or liability.

